

1.0 INTRODUCTION

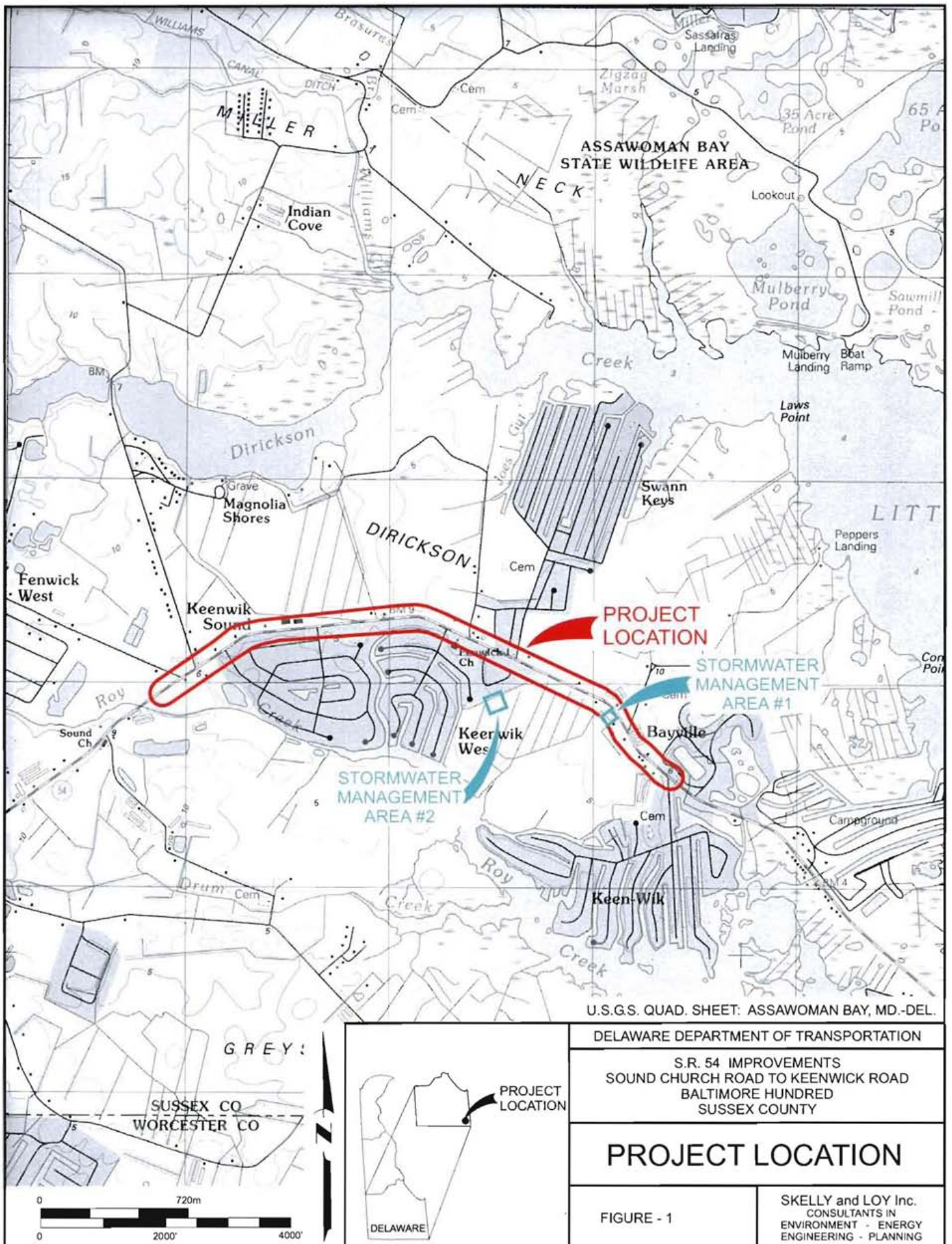
Phase I archaeological investigations were previously completed for the State of Delaware Department of Transportation's (DelDOT's) proposed State Route (S.R.) 54 Improvements, Sound Church Road to Keenwick Road project located in Baltimore Hundred, Sussex County, Delaware (Gundy and Sams 2003) (Figure 1). Subsequent to the completion of that research, two stormwater management areas were chosen for the project. The two stormwater management areas were not surveyed during the original Phase I archaeological survey. This addendum reports on the archaeological survey results of the two proposed stormwater management areas.

1.1 Purpose and Need

The archaeological survey of the two stormwater management areas was performed by Skelly and Loy, Inc. personnel at the request of the DelDOT in order to identify any and all archaeological resources that might be present at the two locations, and to preliminarily assess those resources for integrity and/or significance (Photograph 1). By accomplishing these goals, compliance with state and federal legislation, including Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992; the Federal-Aid Highway Act of 1966, as amended; the National Environmental Policy Act of 1969; Code of Federal Regulations: Advisory Council on Historic Preservation CFR800; Delaware Code Annotated Title 29 § 8705, 7 § 5301-5309, and 7 § 5401-5411; and Delaware Antiquities Act, is assured. *The Guidelines for Architectural and Archaeological Surveys in the State of Delaware* (Delaware State Historic Preservation Office 2001) were followed in preparing the project research design, methodology, and this addendum.

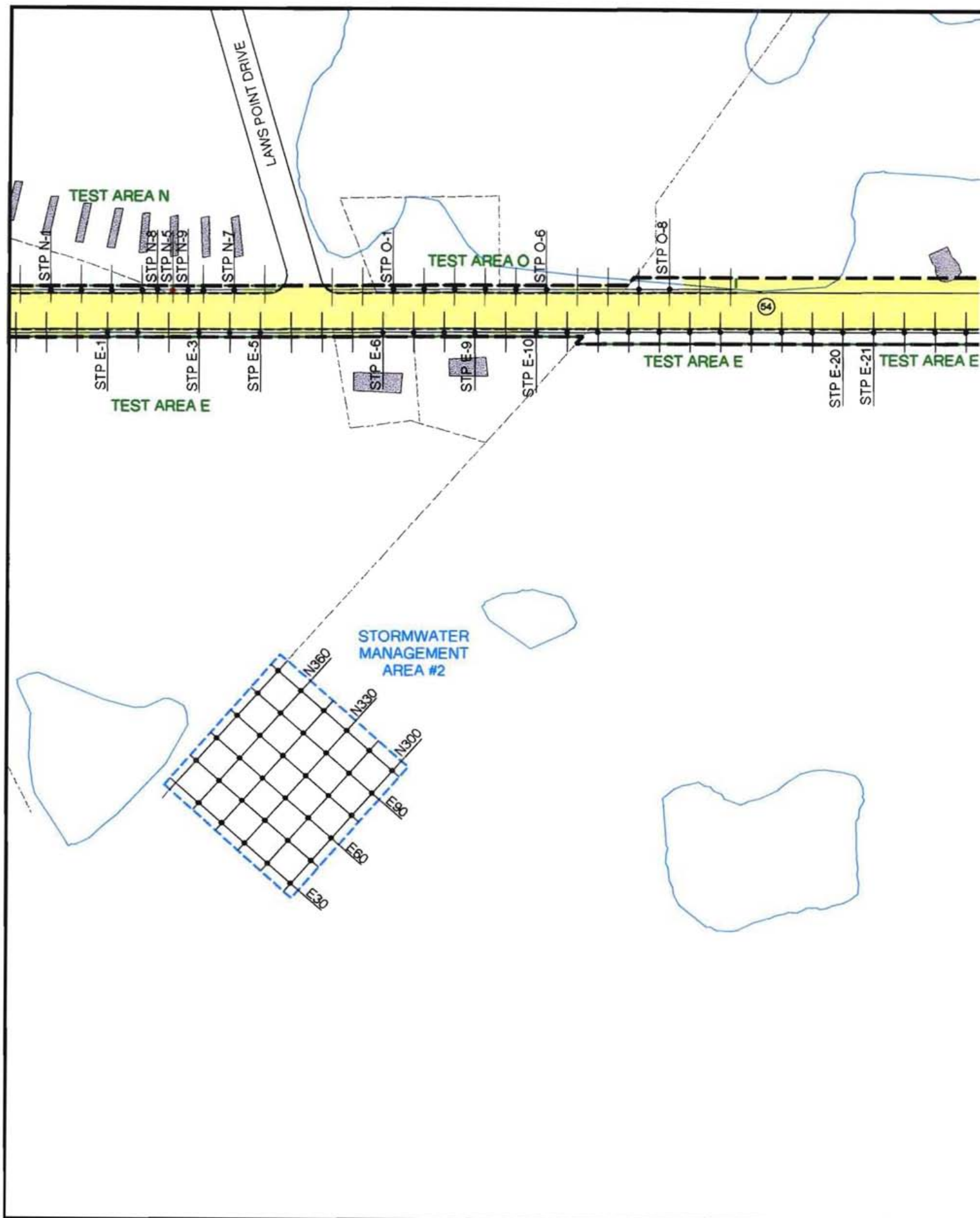
1.2 Project Description

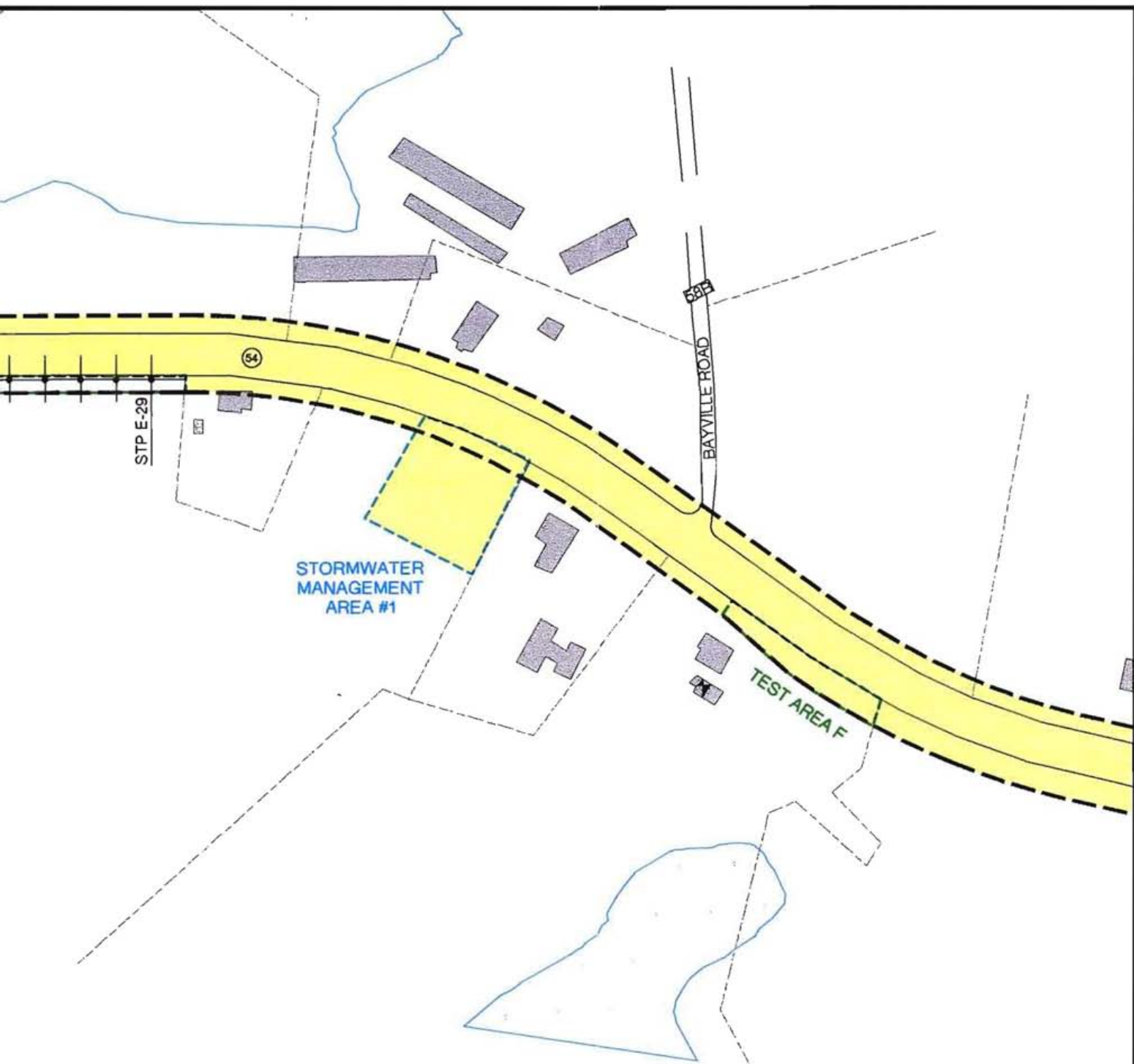
The proposed roadway work includes the construction of two stormwater management areas near the eastern terminus of the roadway project (Figure 2). The stormwater management areas are necessary to control excess water in the project area. Stormwater Management Area #1 is approximately 0.28 ha (0.68 ac) in size and is located along the southern side of existing S.R. 54 approximately 80.0 m (262.5 ft) west of the intersection of S.R. 54 with Bayville Road. Stormwater





Photograph 1. Work in progress, facing east.





LEGEND:

- SHOVEL TEST PIT (POSITIVE)
- SHOVEL TEST PIT (NEGATIVE)
- TEST AREA
- AREA OF POTENTIAL EFFECT (APE)
- STORMWATER MANAGEMENT AREA
- DISTURBED



DELAWARE DEPARTMENT OF TRANSPORTATION

S.R. 54 IMPROVEMENTS
SOUND CHURCH ROAD TO KEENWICK ROAD
BALTIMORE HUNDRED
SUSSEX COUNTY

PLAN VIEW

FIGURE - 2

SKELLY AND LOY, INC.
CONSULTANTS IN
ENVIRONMENT - ENERGY
ENGINEERING - PLANNING

Management Area #1 currently demonstrates wetland vegetation and is disturbed. Stormwater Management Area #2 is approximately 0.75 ha (1.86 ac) in size and is located approximately 185.0 m (607.0 ft) south of existing S.R. 54 and south of the intersection of S.R. 54 with Laws Point Drive in a fallow agricultural field.

The stormwater management areas are located on the Assawoman Bay, Maryland-Delaware 7.5 minute topographic quadrangle (United States Geological Survey [USGS] 1997) in the Lower Peninsula portion of the Eastern Shore Coastal Plain physiographic province (Dent 1995:70). Elevations within the stormwater management areas range from approximately 1.5 to 3.1 m (5.0 to 10.0 ft) above mean sea level (msl). Soil types mapped within the stormwater management areas include the Fallsington, Rumford, and Woodstown series, which all form in coastal plain sediments (Ireland and Matthews 1974).